



WIDE ATTENTION has been given in the press to "Sentencing as a Human Process", the report of a seven-year study by Prof. John Hogarth for the Centre of Criminology. It was the first examination made anywhere in the world of the actual day-to-day dynamics of sentencing in the criminal courts. Here Prof. J. L. J. Edward, director of the Centre, left, is seen with Prof. Hogarth, who now teaches at Osgoode Hall Law School. The report, published in book form by University of Toronto Press, is the first in a series of studies to be published under the aegis of the Centre of Criminology.

Personal relationships have failed Dr Wodehouse tells committee

Dr. George E. Wodehouse, director of the University Health Service, Dr. Donald McCulloch, director of the Advisory Bureau, and Dr. David Graham, a member of the Advisory Bureau staff, discussed the problem of personal counselling, professional and non-professional, at a recent meeting of the Presidential Advisory Committee on Social Responsibilities.

There are now 14 half-time psychiatric counsellors on the staff of the Health Service, Dr. Wodehouse reported. The psychiatric division counsels an annual average of 800 patients and gives an average of 5,000 hours of therapy. The division endeavours to maintain a completely open-door policy, whereby students may drop in, telephone for an appointment, and, if they are in serious trouble, generally obtain immediate help.

Dr. McCulloch explained that the main emphasis of the Advisory Bureau was on community work, although some individual counselling was done. He thought the Health Service, which concentrated on the treatment of troubled persons, and the Advisory Bureau had complemented one another well.

Members of the committee asked whether many students sought counselling because the University, in terms of student-teacher relationships, had been a failure to them. Dr. Wodehouse thought there had been a definite failure of personal relationships within the University. Dr. McCulloch said the majority of students went through their entire University experience without ever having had a casual or a friendly conversation with a professor. Yet many professors had expressed a willingness to get to know their students better and were disappointed when students did not come forward.

Dr. Graham told the committee that on one occasion the Advisory Bureau had examined the failure of a faculty advisory plan in a University faculty. In one department, all of the professors told the Bureau staff that they were interested and wanted students to come to see them. But when they posted office hours,

no one came. At the same time, Dr. Graham said, each professor said that everyone else in the department cared for nothing but his research.

There seemed to be some feeling, Dr. Graham continued, that students saw professors only for specific matters, such as marks, and their motives were other than those of simply developing a friendship. The students, when questioned, seemed to be terrified of the professors and did not feel that they could talk to someone who was so busy unless there was a specific problem to talk about. Thus both groups had terribly different pictures of each other than they had of themselves.

The great difficulty, as Dr. Graham saw it, was to get faculty and students together so that they could talk together. There was a tendency to refer even personal problems to so-called experts rather than attempting to solve the problems by having people talk together.

Dr. McCulloch said he had been asked to look into the failure of a medical faculty advisory system, which had a ratio of one professor to four students. Each student was given the name of a friendly professor and was told to see him twice a year and to seek him out to discuss any problem, at the University or at the teacher's home. Few students made the contact. Students, Dr. McCulloch said, were worried about talking to professors in medicine or in other professional faculties because they feared they might not be considered suitable for the profession if they confessed to such problems as the use of drugs or emotional disturbances.

There seemed to be evidence, Dr. McCulloch said, that Innis College was working better than other University divisions in terms of human relationships. He doubted that an increase in the size of his staff would help with improved human relationships. Working this out was often a painful and politically difficult process, he said, and if more people were doing this on campus the University would not be able to tolerate the consequences and the Bureau would disappear.

COMING EVENTS

OCTOBER

21 THURSDAY

Lectures
Geology

"Electrochemical Investigations on Volcanic Gases". Dr. Motoaki Sato, U.S. Geological Survey, Washington. Mining Building. 4 p.m. (SGS and Geology)

Physics

"Nonlinear Systems". Dr. E. W. Montroll, Department of Physics, University of Rochester. Room 102 McLennan Physical Laboratories. 4.10 p.m. (SGS and Physics)

22 FRIDAY

Seminar

"The Application of Modern Scientific Techniques to the Investigation of Ancient Objects". Dr. U. M. Franklin. Room 124 Lillian Massey Building. 9 a.m. (Food Sciences)

23 SATURDAY

Open House

School of Library Science's new building. 140 St. George Street (at Sussex Avenue). 10 a.m. to noon, and 2.30 to 4 p.m.

Homecoming

Float parade. 11 a.m.

Seminar: "Towards a Better World". See below.

Football. Queen's at Varsity. Varsity Stadium. 2 p.m.

Soccer. Guelph at Varsity. Front Campus. 12 noon.

Rugger. Waterloo at Varsity. Back Campus. 12 noon.

24 SUNDAY

Lecture
Judaism

First of four Joseph and Gertie Schwartz Memorial Lectures by Elie Weisel. "Cain and Abel and Hassidic Lore". Convocation Hall. 8.30 p.m. (Judaic Studies)

Music

Janet Baker, mezzo soprano. MacMillan Theatre, Edward Johnson Building. 8.30 p.m. Tickets \$5, \$3. Box office 928-3744. (Faculty of Music and Canadian Broadcasting Corporation)

Service

Massey College Choral Communion. Voluntary: *Pastorale in F*: Bach; Mass: *Leroy Kyrie (Westron Wynde)*: Taverner; Anthem: *Have Mercy on Me, O Lord*: Taverner. Massey College Chapel. 5 p.m. Visitors welcomed.

25 MONDAY

Lectures
Zoology

"Modification of the Behaviour of Intermediate Hosts by Parasites". Dr. John C. Holmes, University of Alberta. Room 432 Ramsay Wright Zoological Laboratories. 12 noon. (SGS and Zoology)

Law

"Aspects of Advocacy", a series of lectures by G. Arthur Martin. Monday, Oct. 25 to Thursday, Oct. 28 inc. Moot Court, Faculty of Law. 3 p.m. (Law)

Computer

"A Computer Program for Understanding Natural Language". Prof. T. Winograd, Department of Mathematics, M.I.T. Room 203, McLennan Physical Laboratories. 3.45 p.m. (SGS and Computer Science)

Judaism

"Levi Yitzchak of Berdichev — or the Chassidic Protest". Elie Weisel. UTS auditorium. 4.30 p.m. (Judaic Studies)

Music

Organ recital by William R. Wickett, London, Ont. Convocation Hall. 5.05 p.m.

26 TUESDAY

Lectures
Linguistics

"A Case Study of Lexical Disruption in Aphasia". Dr. Harry A. Whitaker, Mayo Clinic, Department of Neurology, Rochester, Minn. Room 2135 Sidney Smith Hall. 3 p.m. (SGS and Linguistic Studies)

Judaism

"Rabbi Israel of Rizhim — or the Chassidic Grandeur". Elie Weisel. UTS auditorium. 4.30 p.m. (Judaic Studies)

Chemistry

"Reaction Dynamics and Electronic Structure". First in a series of three lectures on "Molecular Beam Chemistry" by Prof. D. H. Herschbach, Department of Chemistry, Harvard, inaugurating the A. R. Gordon Distinguished Lecture Series. Room 159 Lash Miller Chemical Laboratories. 4.10 p.m. (Chemistry)

(See page 4, col. 1)

Seminar on the environment Homecoming feature on Oct 23

A seminar, "Towards a Better World", sponsored by the University of Toronto Alumni Association, will be a highlight of the 1971 Fall Homecoming on Saturday, Oct. 23. The seminar is open to all.

"The Canadian Environment" is to be the topic of the first session, beginning at 9.30 a.m. in Hart House Debates Room. Prof. Philip H. Jones, Civil Engineering, will preside. The participants are to be Profs. Donald A. Chant, Zoology; W. Howard Rapson, Chemical Engineering, and John Swan, Law.

At luncheon in the Great Hall, Stanley Burke, formerly of the CBC, now active in the conservation movement, will speak on "World Environment". The second panel session, "Campus Environment", will follow at 2.30, also in the Debates Room. The moderator is to be Leonard Bertin, science editor, University News Bureau, and the participants will be Monty Hummel, Pollution Probe; R. A. K. Richards, Physical Plant, and Robert Spencer, president, S.A.C. Both morning and afternoon sessions will have question periods for audience participation.

Tickets for the seminar are available from Alumni House, 47 Willcocks St. Admission to each panel session is \$1 and the charge for lunch, including pre-lunch sherry, is \$5.

Graduates of 1951, 1956, 1961 and 1966 will be specially honoured at the Homecoming itself. The events include bus and walking tours of the St. George Campus in the morning and afternoon; a side trip to Scarborough College; the Blue and White Society's traditional float parade at 11 a.m.; the Varsity-Queen's football game at 2 p.m., and a reception for members of the honoured years in the Great Hall from 4.30 to 6.30.

OCTOBER 28 DEADLINE

University of Toronto Bulletin is published by the University News Bureau, Room 225, Simcoe Hall. All material for the next issue should be in the hands of the editor, Mrs. Winogene Ferguson (928-2102) by noon today. The next editorial deadline is noon, October 28.

How Medicine chose 224 of 1,115 for admission to the First Year

Approximately 10,000 inquiries were received concerning admission to the medical course at the University of Toronto for 1971-72. Of these, 1,115 formally applied for the 224 available places in First Year, 496 were clearly acceptable, in the opinion of the Faculty of Medicine Council's sub-committee on admissions, and 211 were judged marginal. The difficult process of making the final selection is described in a report by the sub-committee to the Faculty Council.

The report shows that 931 applicants had degrees but only 121 could be accepted. This was in part because the committee decided to try to fill 60 per cent. of the available places with applicants who had successfully completed two years in U of T's Faculty of Arts and Science. As the University no longer offers a "pre-med" course as such, students who have Medicine in mind are encouraged to enrol in appropriate subjects in Arts and Science.

Since more applicants were in the clearly acceptable category than there were vacancies, additional criteria were used, after the admission of students from second year Arts and Science, to fill the remaining places, states the report.

First, preference was given to students who had previously been refused admission, after completion of the pre-medical course, and had taken further programs in Arts and Science. Secondly, after places were filled by the most outstanding applicants with degrees, preference was given to applicants who spent most of their high school years in an Ontario community of less than 5,000 inhabitants. Lastly, a waiting list was established from among the clearly acceptable applicants, with preference being given to students who obtained, or were in the process of obtaining, a graduate degree in one of the medical disciplines.

All students in the clearly acceptable

category with outstanding academic records were interviewed by one interviewer and, if the interview was satisfactory, were admitted. Doubtful applicants in the category were interviewed by more than one interviewer before a final decision was made. The remaining students were all interviewed by three faculty members to eliminate clearly unsuited candidates, rather than to strengthen the eligibility of an applicant.

Residence or immigrant status of outstanding, clearly acceptable candidates played no role in the selection process. Absolute preference was given to all other candidates who had resided at least one year in Ontario.

In addition to those admitted to First Year, 34 students were offered admission to medical course with "advanced standing", that is, to a later stage in the course.

EXHIBITIONS

Student Prints '70-'71. Exhibition of graphics by Erindale students working in association with the Artist-in-Residence. Erindale College. To Oct. 30.

Allegories and Visions: Fantastic Art of Hieronymus Bosch (1450-1516) reproduced on 40 panels. Also a film on the artist and his work. Erindale College. To Oct. 27.

Art at the Service of Intention. Graphic designers at work: 200 samples of Canadian graphic design. Erindale College. From Nov. 3 to Nov. 24.

Paul Rainey, Young Oakville artist's exploration of colour and spatial relationships. Erindale College. From Oct. 16 to Nov. 14.

Paintings by Robert Bateman. Faculty of Architecture, Urban and Regional Planning and Landscape Architecture. Until Nov. 1.

Survey of work produced by architects Fairfield and Dubois. Faculty of Architecture, Urban and Regional Planning and Landscape Architecture. Nov. 4 to 15. Reception 8 to 10 p.m. on Nov. 4.

"Omens of Disaster". McLaughlin Planetarium. To Nov. 28. Tuesday to Friday, 3.30 and 8 p.m.; Saturday, 11 a.m., 2, 3.30, 5, and 7.30 p.m.; Sunday, 2, 3.30, 5, and 7.30 p.m. Children under six not admitted to the Theatre.

interactive services, particularly APL (A Programming Language, an excellent system for interactive typewriter-driven computations) and ATS (Administrative Terminal System, a text editing system of interest to secretaries and others with a concern for publications). The Conversational Programming System and its Remote Job Entry feature will continue to be operated on this machine at least until the end of the 1971/72 school year.

The increase in capacity and efficiency will assure the continued ability of the Centre to provide computational services for education and research at the least possible cost to the users.

U of T Computer Centre orders new unit to increase capacity

The University has completed its plans for increasing its computing power. An IBM System/370 Model 165 has been ordered for delivery, possibly as early as December 1971.

The new computer replaces a rented System/360-65 and will also take up a major portion of the load borne by the other Model 65. The general computation stream and the special high speed students' service will be provided by the new System/370. The existing six remote reader/printer terminals will be attached to this machine.

The remaining System/360-65 will become fully dedicated to time-shared

STAFF NOTES

Arts and Science

PROF. W. G. DEAN attended the International Geographical Union European Regional Conference, Aug. 10-14, in Budapest. He presented a paper "Thematic Mapping as one means of Regional Definition". He was also chairman of the Cartographic Section.

PROF. BARRON BRAINERD attended the World Shakespeare Congress in Vancouver, Aug. 20-28 where he was a member of the Investigative Committee on the Computer in Shakespeare Studies. He reported to the Committee on "The Computer in Statistical Studies of William Shakespeare".

PROF. I. V. IRIBARNE attended the Fifth Annual Congress of the Canadian Meteorological Society, May 12-14, and presented two papers on "Electrification Associated with Splashing of Supercooled Droplets on Ice" with H. HENGVELD and P. LOUIE and "Influence of Initial Charges and External Fields on Splashing Electrification" with B. MAXWELL. He also attended the Conference on Electrostatics of the American Meteorological Society, June 8-11, Albany, N.Y.

PROF. G. ŽEKULIN attended the conference of the North-Eastern Section of the American Association for the Advancement of Slavic Studies held in Montreal, May 5-8 and read the paper "Marina Tsvetaeva's Czech Cycle of Poems" and read a second paper "The Intellectual's Dilemma: the Hero in the Modern Czech Novel". Prof. Žekulin also attended the annual conference of the Canadian Association of Slavists at St. John's, May 30-June 1, where he presented the paper "The Rediscovered Slavophiles? Some Remarks on the 1969 Discussion in *Voprosy Literatury*".

University College

PROF. MICHAEL MILLGATE was Brooks Visiting Fellow at the University of Queensland for the month of June 1971. During

this period he also visited the Australian National University, Canberra, and the University of Newcastle, N.S.W.

Victoria University

PROF. W. DAVID SHAW addressed the convention of the Modern Language Association in New York in December on "Victorian Poetics: An Approach through Genre".

PROF. PETER HUGHES gave a seminar on eighteenth-century studies at the University of Guelph and read to the annual meeting of the ASECS at the University of Maryland a paper on "Structuralism and Eighteenth-Century Literature" in the spring. For the summer of 1971 he was awarded a French Government Exchange Fellowship for research in France.

PROF. F. DAVID HOENIGER spent three days in March at Dalhousie University in order to advise the English department on the Renaissance holdings in the Dalhousie library in connection with a plan to begin a Ph.D. program in English Renaissance Studies. There he gave a paper on "Shakespeare's *All's Well That Ends Well*, even the Ending". He gave a revised form of this paper at the annual Conference of the North-Central branch of the Renaissance Society of America, held in Buffalo at Canisius College on April 23-24. There he was re-elected Co-ordinating Secretary of the branch of the Society. Further, he was invited to give a paper on "*King Lear*: Shakespeare delving into the Primitive" at the University of Waterloo on July 28.

Russian and East European Studies

PROF. H. GORDON SKILLING visited the University of Paris, France, and participated in the SSRC Project on Eastern Europe at Windsor, Eng., in June. He also participated in a conference on the Czechoslovak Reform in 1968 at the University of Reading, in July.

Lapp Report recommends U of T limit freshmen engineers to 600

At the second meeting of the Council of Ontario Universities on Oct. 5, the Lapp Report (*Ring of Iron: A Study of Engineering Education in Ontario*) was the principal topic. The report had been received and referred for specific comment to three groups: the Engineering Deans (CODE), the graduate deans' council (OCGS), and the professional association (APEO). Through the agency of CODE the report went to each university's engineering faculty for attention, and it was studied intensively by CODE itself.

Meanwhile, government officials have made no secret of their interest in seeing how the university community would treat the Lapp Report. It is the first "planning assessment" of a major component of higher education; it attempts to relate the eleven separate university engineering teaching units in such a way as to form an efficient and diversified Ontario "system"; this process involves restraints and changes of emphasis that are sometimes locally unpopular. In a sense it is a test case for the universities' potential for self-discipline. On the other hand, exception can be taken to some of the Lapp recommendations without betraying institutional bias: the report accepts a "manpower" approach to enrolments which many observers believe unjustified by the state-of-the-art of manpower forecasting, inconsistent with the accelerating rate of career change, and insufficiently cognizant of the global - as distinct from provincial - requirements for highly qualified manpower. And there are other social and geopolitical factors which may not have been given enough weight.

In the course of prolonged discussion COU worked out its "position" on the report and published it in the October COU *Monthly Review*. Their amendments are of particular interest to this University in the case of two of the Lapp recommendations. Recommendation 9.1 held that over the next two years the estimated graduate enrolment in the province should be reduced by 17%, after which graduate enrolment should be limited to the previous year's bachelor graduations.

Toronto supported the CODE statement that no limitation of numbers should be imposed on part-time graduate students, who are invariably persons already employed, often many years beyond the bachelor's degree; in our engineering faculty this is a very important element of service to the professional community. COU did not, however, accept the CODE argument that part-time graduate students should come outside the graduate limitation because they are essentially re-qualifying themselves and form no net addition to the labour force.

Recommendation 11.1 was for a limitation of Toronto's freshman intake to 600 students (instead of the 660 we have taken for the past few years), and a reduction of our graduate enrolment to 480 including no more than 165 doctoral candidates by 1973-74; this, coupled with a considerable raising of numbers at McMaster, Carleton and elsewhere, is intended to produce a number of schools of economically viable size in different parts of the province, and to prevent massive expansion in the two largest schools, Waterloo and Toronto. The COU position on enrolments was to endorse the Lapp Report's objective in general terms, but with different implementation. For undergraduate enrolment, the Toronto maximum of 660 was accepted because it will not cause the total objective for the system to be exceeded (since some other engineering schools were assigned increases that would be impossible to effect immediately). For graduate enrolments the specific numbers of Ph.D. candidates have been removed by COU, and the shrinkage of total Ph.D. enrolment in the system is to be attained by (1) a pro rata percentage reduction in each university for 1972-73 to produce 612 doctoral candidates in the system, and (2) further reductions based on discipline planning assessments to be carried out by ACAP (Advisory Committee on Academic Planning) in co-operation with CODE.

The COU position on the Lapp Report will be communicated to all the universities. Implementation will be a matter for individual and/or collective action by the universities.

Renewals needed for all staff who would like magazine free

The system initiated last year whereby all members of the academic and non-academic staffs who complete a coupon will receive the University of Toronto *Graduate* at no cost is being continued for 1971-72.

In view of new appointments, promotions, and other changes in most departments, last year's complimentary list cannot be used. Because of the general belt-tightening, we lack staff to put a tracer on every name.

Therefore, even those who completed coupons last year, and who would still like to see periodicals produced primarily for people outside the University, are asked to complete and return the coupon printed below.

Please complete and return to the University News Bureau, Simcoe Hall
Put me on the U of T *Graduate* free list for 1971-72.

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University rank or category

University or professional address

The U of T *News* is addressed mechanically to all alumni (graduates or former students) for whom the University has addresses. If you are *not* an alumnus and would like to receive the *News* without cost, please check here ☐

Appointed & Promoted

ROBERT W. MORGAN has been appointed professor and chairman of the Department of Preventive Medicine, a joint department of the Faculty of Medicine and the School of Hygiene. He succeeds Dr. S. S. GEAR on his retirement.

Dr. Morgan obtained his M.D. in 1961 from the University of British Columbia. After interning at St. Joseph's Hospital, Victoria, he entered general practice there and joined the Departments of General Practice, and of Pediatrics of Royal Jubilee Hospital.

In 1967 he was research fellow in the Department of Health Care and Epidemiology, U.B.C., was appointed instructor in 1968 and research associate in 1969. During the period 1968-69 he was also field director of a World Health Organization International Collaborative Study on Medical Care Utilization. In 1969 he received fellowships from the National Research Council and Eli Lilly for study at Harvard, where he gained his S.M.Hyg. in Epidemiology in 1970. His last post was as director of the Division of Epidemiology and Biometry, U.B.C., and assistant professor.

Dr. Morgan's chief research interests are in cancer and glaucoma. Working with the B.C. cervical cytology program, he has been trying to establish the natural history of carcinoma of the cervix and to evaluate the effectiveness of the cytology program.



Professor Morgan

Likewise, he has been interested in carcinoma of the breast.

Commenting on Dr. Morgan's joint appointment in the Faculty of Medicine and the School of Hygiene, Dr. BERNARD BUCOVE, director of the School, said: "The purpose of joint appointments is to bring all the resources of the School of Hygiene to bear on the teaching of our medical undergraduates".

Dr. Morgan married Margaret Anne Reynolds and has four children.

Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. Oral Examinations.

Thursday, October 21

T. R. Maxwell, Department of Sociology. "The French Population of Metropolitan Toronto: A Study of Ethnic Participation and Ethnic Identity". Thesis supervisor: Prof. O. Hall. Room 108, 16 Hart House Circle. 10 a.m.

Friday, October 22

P. T. Phillips, Department of History. "The Sectarian Spirit: A Study of Sectarianism Society and Politics in the North and West of England, 1832-1870". Thesis supervisor: Prof. R. J. Helmstadter. Room 2290, Medical Sciences Building. 2 p.m.

J. P. Bouchard, Department of Medical Biophysics. "Studies of Temperature-Sensitive Mutants of *Escherichia Coli*". Thesis supervisor: Prof. C. Fuerst. Room 3268, Medical Sciences Building. 10 a.m.

W. Y. Shiu, Department of Chemistry. "The Kinetics and Mechanism of the Reaction Between Sodium and Chloride". Thesis supervisor: Prof. M. J. Dignam. Room 108, 16 Hart House Circle. 10 a.m.

A. B. Malik, Department of Physiology. "Studies on the Pulmonary Circulation of Intact Dogs". Thesis supervisor: Prof. B. S. L. Kidd. Room 107, 16 Hart House Circle. 2 p.m.

E. O. Frind, Department of Civil Engineering. "Efficient Minimum-Weight Design of Skeletal Structures with Constrained Displacements". Thesis supervisor: Prof. P. M. Wright. Room G 107, Galbraith Building. 11 a.m.

Monday, October 25

Miss M. Aprile, Department of Hygiene. "Immunochemical Studies on the Phase Variations of Bordetella Pertussis". Thesis supervisor: Prof. N. Hinton. Room 107, 16 Hart House Circle. 10 a.m.

H. Troper, Department of History. "Official Canadian Government Encouragement of American Immigration, 1896-1911". Thesis supervisor: Prof. P. C. T. White. Room 107, 16 Hart House Circle. 2 p.m.

A. Y. C. Shum, Department of Pharmacology. "Synthesis and Metabolism of Catecholamines in Stress". Thesis supervisor: Prof. C. E. Johnson. Room 108, 16 Hart House Circle. 10 a.m.

Tuesday, October 26

D. W. Hysert, Department of Chemistry. "Studies on Allylic Propargylic Halides as Biologically Oriented Alkylating Agents". Thesis supervisor: Prof. J. B. Jones. Room 107, 16 Hart House Circle. 2 p.m.

M. J. Estok, Department of English. "Elements of Pastoral and Satiric Tradition in W. G. Yeats". Thesis supervisor: Prof. H. N. Frye. Room 201, 65 St. George Street. 2 p.m.

R. J. Routil, Department of Chemical Engineering. "The Occurrence of Strontium Hexafluoride $\text{SrFe}_{12}\text{O}_{19}$ in the $\text{SrSO}_4\text{-Na}_2\text{CO}_3\text{-Fe}_2\text{O}_3$ System". Thesis supervisor: Prof. D. Barham. Room 108, 16 Hart House Circle. 2 p.m.

W. M. Scarth, Department of Political Economy. "Interest Rates and Macroeconomic Models". Thesis supervisor: Prof. T. A. Wilson. Round Room, Massey College. 2 p.m.

Wednesday, October 27

D. W. Reeve, Department of Chemical Engineering. "Sodium Chloride Recovery from Kraft Pulp Mills". Thesis supervisor: Prof. W. H. Rapson. Room 108, 16 Hart House Circle. 2 p.m.

G. W. Thompson, Department of Hygiene. "Growth and Development of Facial Structures". Thesis supervisor: Prof. W. H. le Riche. Room 107, 16 Hart House Circle. 10 a.m.

P. A. Zuliani, Department of Chemistry. "Chemical Reactions in Electrical Discharges". Thesis supervisor: Prof. J. M. Deckers. Room 107, 16 Hart House Circle. 2 p.m.

Robert J. Burke, Department of English. "Lancelot Andrewes' Rhetorical Theory and Practice". Thesis supervisor: Prof. M. MacLure. Round Room, Massey College. 2 p.m.

Thursday, October 28

P. D. Tomlinson, Department of Educational Theory. "The Development of Short-Term Retention Capacity in Children as a Function of Age and Item Familiarity". Thesis supervisor: Prof. G. Evans. Room 108, 16 Hart House Circle. 2 p.m.

T-W Wu, Department of Biochemistry. "Imp Dehydrogenase from *Bacillus Subtilis*". Thesis supervisor: Prof. K. G. Scrimgeour. Room 5227 Medical Sciences Building. 10 a.m.

The Burton Medal is established in U.S.

The Electron Microscope Society of America has recently announced that it has established a Medal Award to be named after the late Prof. E. F. Burton of the Department of Physics, U of T.

"The Burton Medal may be awarded annually to the person who, in the opinion of the Council of the Society, is adjudged to have made (within the five years immediately preceding the award) a most important contribution in the field of electron microscopy". Candidates are to be under 35 years and need not be U.S. citizens although preference will be given to work carried out in North America.

Graduate students working under Prof. Burton carried out some of the original development of the electron microscope in the late 1930's and early 1940's. The first successful instrument in North America was built here by Albert Prebus and James Hillier in 1938-39. It is now part of the microscopy display at the Ontario Science Centre.

Graduate Philosophy bursaries are approved by the SGS Council

Summary of the Minutes, Council of the School of Graduate Studies, Sept. 21, 1971

Minutes

The minutes of the meeting of June 15 were approved with minor amendments.

Report of the Dean

1. *Hare Report on Scarborough College*
Discussions are being carried on with respect to the effect the Hare Report will have on the School of Graduate Studies. If any changes are required in the rules and regulations of the School they will be submitted to Council through the Divisions.

2. *Advisory Committee on Academic Planning*

ACAP, a committee of the Ontario Council on Graduate Studies, has asked that discipline reviews be established in Geology, Geography, Planning and Environmental Studies, Physics, Economics, Sociology, History, Political Science, Business, Administration and Management Science, Law, and Chemistry.

Applications and Registration

1. *Applications*

As of August 15, 1971, a total of 8,260 applications for admission to the session 1971-72 had been received, a decrease of 492 from the August 15, 1970 figure. Of this number 3,475 had been recommended for admission by departments, a decrease of 310 from the August 15, 1970, figure.

2. *Registration*

As of September 20, 1971 (the last day but one of the regular registration period) 5,080 students had registered. It is estimated that the total registration will be approximately 6,505 as compared with 6,583 on December 1, 1970.

Reports of Divisions

Division I

Council approved the admission to a one-year M.A. program of a student who does not possess a university degree.

Division II

For information, there was a report on an appeal, heard by the Executive Committee, from a student who had received a failing grade. The result of the appeal was to change, temporarily, the failure to an incomplete. A procedure whereby further evidence on the competence of the student could be obtained was recommended to the Department.

Division IV

Council approved a recommendation that two students be permitted to register as M.Sc. candidates concurrently with their registration as M.D. candidates.

Council referred to the Executive Committee a request that a student be permitted to register as a part-time Ph.D. candidate concurrently with his registration as a full-time M.D. candidate.

Establishment of Graduate Philosophy Bursaries

Council approved a recommendation for the establishment of Graduate Philosophy Bursaries, the funds for which will be donated by members of the Faculty of the Graduate Department of Philosophy and others.

Interim report on course numbering

It was reported that discussions were taking place with Chairmen and Directors of Graduate Departments, Centres, and Institutes with respect to a new course numbering system. If a new system is approved, it would appear for the first time in the 1973-74 Calendar of the School.

Other business

1. Council approved a proposal that the three vacancies in Division II's Council membership be filled in the by-elections currently being conducted. (The third vacancy had occurred after nomination papers had been sent to faculty members.)

2. Council approved a proposed design for the Master of Museology hood.

Irish Arts will have a theatre at St Michael's College in 1972

The Irish Arts Theatre, Canada's first professional ethnic theatre, will, it is hoped, be open in the fall of 1972 at St. Michael's College, Prof. Robert O'Driscoll, artistic director of the new theatre, announced at a reception in Elmsley Hall last week.

Support for the project was given at the reception by the Irish Ambassador to Canada, the Hon. Joseph Shields; Miss Siobahn McKenna, Ireland's most distinguished actress; Sean Kenny, theatre designer-architect; Dr. Edward E. Stewart, Deputy Minister of Education, speaking for Premier William Davis, and Ald. Tony O'Donohue.

The Rev. John Kelly, President of St. Michael's, warmly endorsed the plan for the theatre, which will be housed in Brennan Hall, and John O'Grady, president of St. Michael's Students Union, said the Union was committed to raising \$35,000 toward the cost of the fabric, which will be more than \$200,000.

Appealing for widespread support, Edward J. McConnell, president of Irish Arts, said that without the backing of St. Michael's staff and students, "we would never be able to do what we want to do".

"Irish Arts Theatre", said Prof. O'Driscoll, "is being established in the belief that in Canada we should move from the melting pot concept, with the loss of individuality that this involves, and turn back to the roots and separate traditions that have formed us."

The new theatre, which will seat 385, is being designed by W. E. Smith, and the technical conversion of the space available in Brennan Hall will begin next spring.

Irish Arts Theatre is an outgrowth of Irish Arts, founded in 1967 to encourage cultural co-operation between Canada

and Ireland. There have been musical recitals, art exhibitions, book displays, and a series of conferences which have brought to Toronto such world-renowned figures as W. H. Auden, Buckminster Fuller, Denis Johnston, Desmond Guinness, Michael and Anne Yeats.

Committee is seeking chairman for History

Prof. D. F. Forster, Acting Vice-President (Academic) and Acting Provost, has approved the following committee to look for and recommend a successor to Prof. A. P. Thornton whose term as chairman of the Department of History expires on June 30, 1972:

Dean A. D. Allen, Arts and Science (chairman)

Dean J. H. Parker, Graduate Studies

Dean W. T. Sharp, Arts and Science

Prof. C. C. Berger, History

Prof. J. K. Conway, History

Prof. G. M. Craig, History

Prof. P. D. Kerr, Geography

Principal P. H. Russell, Innis College

Prof. R. M. Savory, Islamic Studies

The committee would be pleased to receive suggestions and recommendations as to possible candidates. Any comments, which may be made in writing or verbally to the chairman or to any member of the committee, should be in by Oct. 22 next.

Bicycle registration

The Metropolitan Toronto police will be registering bicycles in the vicinity of King's College Circle and Galbraith Rd. on Thursday and Friday this week from 11 a.m. to 2 p.m.

COMING EVENTS

OCTOBER (Continued from page 1)

26 TUESDAY

Seminar
Medicine

"The Cortical Associations Systems". Dr. Wendall J. S. Kreis, Department of Anatomy, Northwestern University, Medical School, Chicago. Room 2172 Medical Sciences Building. 5 p.m. (Neuroscience Committee and the Toronto Neurological Society)

27 WEDNESDAY

Lectures
Pakistan
French Novel

"Whither Pakistan?" Prof. K. B. Sayeed. 1070 Sidney Smith Hall. 3 p.m. (South Asian Studies Committee, ISP)

"Le Nouveau Roman, la mort du personnage. Comment? Pourquoi?" Jean Ricardou, critic and novelist. 122 U.C. 4.10 p.m. (SGS and Graduate French)

Judaism

"Chassidic Tales as Prayer". Elie Weisel. UTS auditorium. 4.30 p.m. (Judaic Studies)

Seminars
Pakistan

"Some Basic Stereotypes Among the Decision Making Elite and Their Impact on Current Policy-Making in Pakistan". Prof. K. B. Sayeed, Department of Political Science, Queen's University, Room 402, 158 St. George St. 11 a.m. (South Asian Studies Committee, ISP)

Engineering

Third in series "Role of the Engineer in Society". Prof. M. Wayman. Council Room G-202 Galbraith Building. 4.10 p.m. Students and staff from all faculties welcome. (Applied Science)

"Theory of General Systems". Dr. M. D. Mesarovic, Case Western Reserve University, Cleveland. Room 206 Old Electrical Building. 2 p.m. (SGS and Industrial Engineering)

Open House

Banting and Best Department of Medical Research. Lobby, C. H. Best Institute. 5.30 p.m.

28 THURSDAY

Lecture
Chemistry

"Molecular Beam Chemistry" series by Prof. D. H. Herschbach. "Sticky, Osculating and Activated Complexes". Room 158 Lash Miller Chemical Laboratories. 4.10 p.m. (Chemistry)

Talk
Art

Robert Bateman, whose paintings are on view, Oct. 20-Nov. 1, will speak about his work. Art studio, ground floor, 230 College St. 11.15 a.m. (Architecture)

Meeting

University Arts Women's Club. "The Making of the University: Historical Perspectives". Prof. J. M. S. Careless. St. Thomas Church Parish Hall, 383 Huron St. 1.45 p.m.

Music

Concert Series. Jacques Loussier Trio — Play Bach. MacMillan Theatre, Edward Johnson Building. 8.30 p.m. \$15 per series. \$7.50 student series. \$3 single ticket, \$2 student ticket.

Nimmins 'n Nine plus 6 and Ginny Grant. Concert Hall, Edward Johnson Building. 2 p.m. Free. (Music)

29 FRIDAY

Lecture
Chemistry

"Molecular Beam Chemistry" series by Prof. D. H. Herschbach. "Chemiluminescence and Chemiionization". Room 158 Lash Miller Chemical Laboratories. 4.10 p.m. (Chemistry)

Dance

Halloween dance sponsored by the U of T Employees Credit Union Social Club. War Amps Club, 62 Wellesley St. W. 8.30 p.m. \$5 per couple including buffet. Open to all staff and students. Tickets available at the Credit Union Office or from your building representative.

Meeting

First meeting of Library Council for 1971/72. Council Chamber, Galbraith Building. 4 p.m. Open to observers.

Buffet

Faculty Club. Reception, 5.30-6 p.m.; Buffet, 6-8.30 p.m.

30 SATURDAY

Seminar
Medieval

Theme: "Poverty in the Middle Ages". Speakers: Prof. Michel Mollat, University of Paris-Sorbonne, on "The Changing Notion of Poverty: A Challenge to Interdisciplinary Approach"; Prof. Lester K. Little, Department of History, Smith College, Northampton, on "Social Uses of Voluntary Poverty"; Prof. J. Ambrose Raftis, Centre for Medieval Studies and Pontifical Institute of Mediaeval Studies, Toronto, on "The Medieval Welfare Model". General discussion. The Moot Court, Faculty of Law, 2 p.m. (Registration begins at 1 p.m.)

Athletics

Rugger. R.M.C. at Varsity. Back Campus. 2 p.m.

Theatre

"Matters, Manners, and Mauve Tea" with Jane Casson and Eric Donkin, an Eighteenth Century review as presented at the Stratford Festival and on *CBC Stage*. Hart House Theatre. 8.30 p.m. Tickets \$1 from the theatre box office, 928-8668. (Drama Centre)

31 SUNDAY

Music

University of Toronto Symphony. Victor Feldbrill, Conductor. MacMillan Theatre, Edward Johnson Building. 8.30 p.m. Free reserved tickets.

NOVEMBER

1 MONDAY

Music

Organ recital by Dr. Charles Peaker, with Elizabeth Kellogg, soprano. Convocation Hall. 5.05 p.m.

2 TUESDAY

Seminar
Medicine

"Glycylhydrolase Activity in Amniotic Fluid and White Cells". Prof. L. Svennerholm, University of Goteborg, Faculty of Medicine, Department of Neurochemistry, Sweden. Room 2172 Medical Science Building. 5 p.m. (Neuroscience Committee and Toronto Neurological Society)

7 SUNDAY

Music

Concert. Afternoon Series. Artists include Victor Martin and David Zafer, violins, and Thomas Monohan, string bass. Concert Hall, Edward Johnson Building. 3 p.m. \$3, students \$2.

Recital by Mari-Elizabeth Morgen, pianist. Great Hall, Hart House. 8.30 p.m. Free tickets available through Hall Porter.

8 MONDAY

Lecture
Hispanic

"Pollice Verso de José Martí: Textos y Contextos". Prof. Ivan A. Schulman, State University of New York, Stony Brook. Upper Library, Massey College. 4.15 p.m. (SGS and Italian and Hispanic Languages and Literatures)

Music

Organ recital by Dr. Charles Peaker, with Ralph Hodgins, bassoon. Convocation Hall. 5.05 p.m.

10 WEDNESDAY

Seminar
Engineering

Fourth in series "Role of the Engineer in Society". Prof. P. M. Wright. Council Room G-202 Galbraith Building. 4.10 p.m. Students and staff from all faculties welcome. (Applied Science)

11 THURSDAY

Music

John Alldis Choir of London. Concert Hall, Edward Johnson Building. 8.30 p.m. Single ticket \$3, student ticket \$2.

Lectures
Archaeology

"The Gezer High Place". Anita Furshpan. Planetarium Lecture Room, ROM. 4.30 p.m. (Archaeological Institute of America, Toronto Society)

McGill principal, conservationist will receive honorary degrees

At two Fall Convocations this year, the degrees of Doctor of Laws *honoris causa* will be conferred upon Francis H. Kortright, civil engineer and conservationist, on Nov. 26, and Principal Robert E. Bell of McGill University on Dec. 3.

These Convocations follow the special Convocation on Oct. 26, when Chancellor Dr. Pauline McGibbon is to be installed in office and at which seven medical scientists will receive honorary degrees in commemoration of the 50th anniversary of the discovery of Insulin at the University of Toronto.

Francis Herbert Kortright, born in 1887, graduated in engineering from U of T in 1908. From then until 1916 he was engaged in various engineering projects, one of them the first paving of Highway No. 2 from Toronto to Hamilton, for which he was chief engineer. After active service in the army in World War I, Mr. Kortright was a consulting engineer, then general manager of A. R. Clarke and Co. He retired in 1965.

A keen interest in hunting and fishing developed in Mr. Kortright a wide appreciation of wild life and to an eventual concern with conservation in its broadest sense. In 1942 he published *The Ducks, Geese and Swans of North America*, which became the classic work in its field, now reprinted 11 times.

Mr. Kortright felt that, although he had stimulated an interest in the preservation of natural resources among fellow sportsmen, little direct action had been taken. A realist, he saw that action required money. While president of the Toronto Anglers' and Hunters' Association, Mr. Kortright, with financial help from friends, founded the Canadian National Sportsmen's Show, the charter of which provided that all profits must be used for conservation.

In the 23 years of its operation, the Sportsmen's Show has raised more than \$2 million for projects that range from the provision of conservation literature for elementary schools to the support of research on insect hormones. The U of T,

especially the Faculty of Forestry and the Departments of Botany and Zoology, has been a major recipient of research funds from the Sportsmen's Show.

Through the early period of the Conservation Council of Ontario, founded in 1953, Mr. Kortright to a great extent originated and guided its work.

Robert E. Bell, born in 1918, took his B.A. in honours mathematics and physics at the University of British Columbia, then earned the Ph.D. at McGill. During World War II, while serving with the Canadian Army, he was seconded to the National Research Council to do research on radar. After the war, he was a National Research Council Fellow and continued in the field of physics research until he joined the staff of McGill.

Dr. Bell has to his credit more than 50 published papers on various topics in nuclear physics, has been invited lecturer to the British Association for the Advancement of Science and the Nobel Institute for Physics at Stockholm, president of the Canadian Association of Physicists, and holds the Medal for Achievement in Physics.

From 1964 to 1967 Dr. Bell was Vice-Dean for Physical Sciences in McGill's Faculty of Arts and Sciences, and from 1967 to 1970 was Rutherford Professor of Physics and director of the Foster Radiation Laboratory at McGill. In August of last year he succeeded Dr. H. Locke Robertson as Principal.

David DePoe is acquitted by jury on mischief charge

A County Court jury last week acquitted David DePoe, second year student in political science and sociology, of a charge of having wilfully damaged the front door of 215 Huron Street and thereby committing the offence of mischief, contrary to the Criminal Code. The jury returned its verdict to Judge Garth Moore after three hours of deliberation. The charge was laid after a demonstration outside 215 Huron Street last January 13.

Independent advisory panel to study music education policy

The Faculty of Music has invited an independent panel to advise on matters of current and future policy in the Faculty's music education department, it was announced jointly by John Beckwith, Dean of the Faculty, and Prof. Robert A. Rosevear, department chairman.

The panel will be given terms of reference including the following:

(1) To what extent have past Mus.Bac. graduates in music education gone on to influence and mold the provincial music education scene?; and what is likely to be the size and nature of the future market?

(2) We are repeatedly being told that the elementary levels in music training need strengthening. The debate on training of elementary music specialists includes questions of to what extent this or that favorite "method" may be useful and whether elementary teachers should be in fact differently brought up from secondary teachers.

(3) Trends in the schools are mixed — both greater emphasis and less emphasis on traditional instrumental programs are observed, along with vital (if sporadic) signs of flexibility permitting incorporation of areas such as creative music, historical and theoretical studies, electronic experimentation, mixed media, and so on. Vocal music specialists are coming into greater demand. At the same time, the Provincial Department of Education has suddenly and unilaterally relaxed its specialist requirements in music. A broad look at the professional qualifications musicians themselves would like to see from those entrusted with school training seems pressingly in order.

(4) Relations between the Faculty and the colleges of education have been strengthened in recent seasons. Examination of the mutual interest of music teachers in both institutions as well as definition of separate roles, are needed.

(5) The need for part-time and summer study programs, and the nature and extent these should assume, are also important issues to be discussed.

Members of the panel are:

James Rahn, Program Consultant (the Arts), Ontario Department of Education, Kingston, Ont.

E. W. Richardson, Principal, Joseph Brant Senior Public School, Scarborough.

John Barron, Head, Music Department, Westminster Secondary School, London, Ont.

The initial meetings of the panel, scheduled for Oct. 27 and 28, in Toronto, will include interviews with department staff, an open meeting with music education students, as well as informal discussions of the panel itself.

Alberta alumni are invited to party for President

University of Alberta alumni on staff may be interested in the visit of the President of the University and his wife, Dr. and Mrs. Max Wyman, on Oct. 30 to the Toronto Alumni branch. A wine and cheese party is being held to welcome them at the new OISE building, 252 Bloor St. West, at 9 p.m. Anyone interested in attending should get in touch with R. B. N. Lindsay at 493-1921 or Mrs. F. J. Heath, 483-8818.